User Guide
使用手册

ENGLISH

IMPORTANT SAFEGUARDS

Warnings:

1. Read all of these instructions Save these instructions for later use, please.

2. Unplug this monitor from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

3. Do not use attachments not recommended by the monitor manufacturer as they may cause hazards.

4. Do not use this monitor near water. For example near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc...

5. Do not place this monitor on an unstable cart, stand, or table. The monitor may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer or sold with monitor. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to insure reliable operation of the television receiver and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the monitor on a bed, sofa, rug, or other similar surface. This monitor should never be placed near or over a radiator or heat register. This monitor should not be placed in built-in installation such as a bookcase unless proper ventilation is provided.

7. This monitor should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied in your home, consult your monitor dealer or local power company.

8. This monitor is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into

grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

9. Do not allow anything to rest on the power cord. Do not locate this monitor where the cord will be abused by persons working on it.

10. Follow all warnings and instructions marked on the monitor.

11. For added protection for this monitor, when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the monitor due to power-line surges.

12. Do not overload wall outlets and extension cords as this can result into fire or electric shock.

13. Never push objects of any kind into this monitor through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the monitor.

14. Do not attempt to service this monitor yourself since opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Unplug this monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the monitor.

c. If the monitor has been exposed to rain or water.

d. If the monitor does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the monitor to normal operation.

e. If the monitor has been dropped or the cabinet has been damaged.

f. When the monitor exhibits a distinct change in performance this indicated a need for service.

16 . When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

17. Upon completion of any service or repairs to this monitor, ask the service technician to perform routine safety checks to determine that the monitor is in safe operating condition.

18. The socket outlet shall be near the equipment and shall be easily accessible.

19. The power supply cord is used as the main disconnect device.

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1. Introduction

1.1 Packing List

After unpacking, make sure that all of the following parts are included.

1. 19” LCD monitor
2. User’s guide
3. Tablet CD
4. Power adapter
5. Power cord
6. Tablet pen module
7. Pen holder

If there is a defect or missing part,contact the agency where you purchased the product.

1.2 Quick Setup

1.2.1 External controls

Figure	Designation	Function
	LED indicator	When the monitor is working, the indicator turns blue. When the monitor is in saving mode, the indicator turns red.
⏻	POWER	Turns power on or off.
M	MENU	Activate OSD menu, or confirm the adjustment.
▲	UP / AUTO	When the OSD menu is inactive, press ▲ button, will auto adjust display mode to its utmost performance according to VGA setting; when the OSD is activated, this key function is up/right/increase adjustment.
▼	DOWN	Down/left/decrease adjustment
⎋	EXIT/VGA OUT/OFF	When the OSD menu is inactive, press button, to turn on or cut off video output signal. (VGA output function off default) When the OSD menu is active, press button, will return to previous menu or exit the OSD.

1.2.2 Connection

① **VGA/O:**

VGA OUT port for external display equipment.(such as projector & larger screen display)

② **VGA input/USB 2 in 1 cable:**

Plug the VGA cable & USB cable into your computer VGA & USB port.

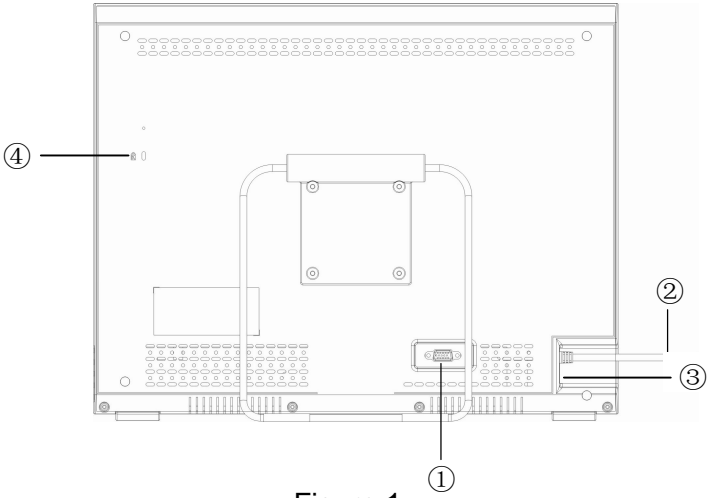

Figure 1

③DC input port:

Plug the adapter port to DC input port,

④Pen holder slot:

Insert the pen holder to the slot. Secure pen in holder when not in use.

1.2.3 Adjusting the Base

Your LCD Monitor is designed to allow you to adjust it to an optimal viewing angle.

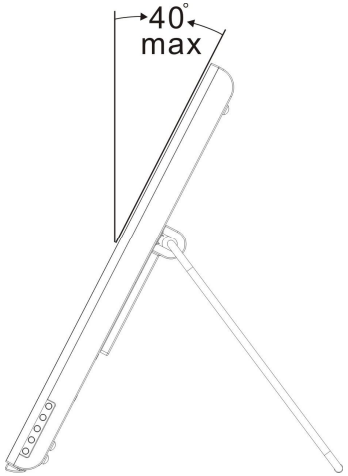

Figure 2

CAUTION: Make sure the angle of the monitor is at least 10 degrees from the vertical; otherwise the monitor will be unstable and could fall over.

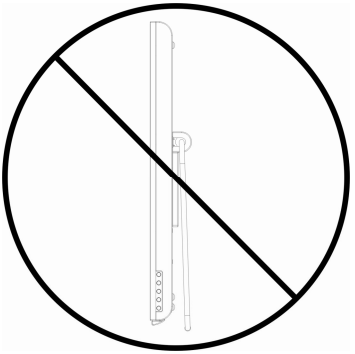

Figure 3

2. Operation Guide

2.1 Adjusting Display Frequency and Resolution

The monitor's true (physical) resolution is 1440 x 900,be sure to set the monitor refresh rate to 60 Hz if displaying the monitor at WXGA resolution (1440×900).

2.2 Working with the Tablet Pen

This is an energy saving stylus pen.
Stylus pen will be turnoff automatically when not in use.
Stylus pen will activate automatically by tap the stylus on the screen.

Figure 4

2.2.1 Basic Stylus Pen Operations

The basic methods of working with the pen tip are as follows:

Clicking
Tap the display screen once with the pen tip.

Double-clicking
Tap the display screen twice in the same place with the pen tip quickly.

Dragging
Select an object, hold the pen against the screen and move the pen.

** You do not need to touch the tablet surface to move the screen cursor and the pen tip needs to be within 5 mm of the pen display screen.*

** Hold your stylus pen the way you would hold a normal pen or pencil while writing on paper and the allowed pen input angle is 45° in any direction from a position.*

2.2.2 Using the Pen Side Buttons

The stylus pen have two side buttons and the default button settings as follows.

1) In Windows XP / Windows 7
   The upper button is set to mouse right click, and the lower button is set to mouse middle click by default.

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**When you use the side buttons, press the button and the pen tip needs to be within 5mm of the pen display screen, but the pen tip no need to touch the screen.*

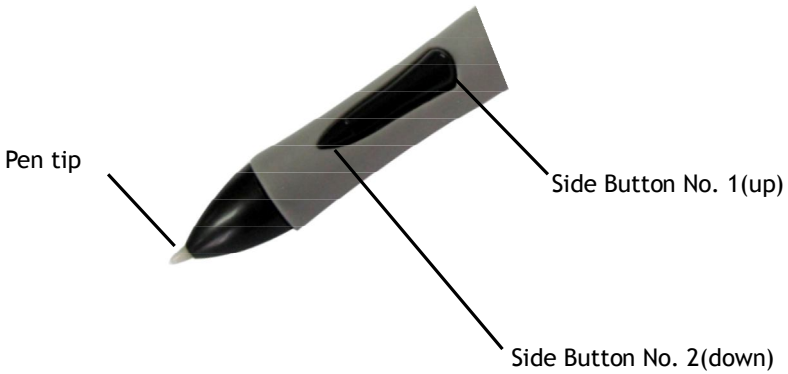

Figure 5

2.3 OSD Function

Press M button to activate OSD menu.

2.3.1 Picture control

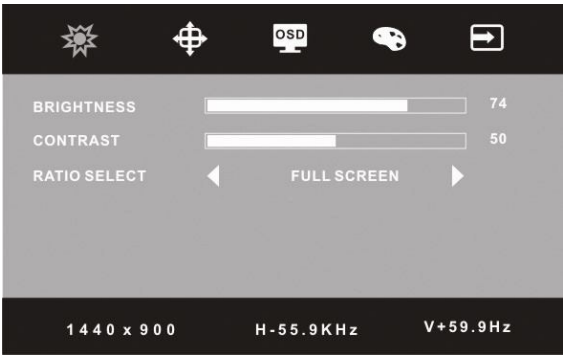

Figure 6

BRIGHTNESS:

Adjust the image and background screen brightness

CONTRAST:

Adjust the image brightness in relation to the background.

RATIO SELECT:

Select screen ratio between FULL SCREEN (16:10) and NORMAL (4:3).

2.3.2 Geometry control

Figure 7

H POSITION:
To adjust the image horizontally left or right.
V POSITION:
To adjust the image vertically up or down.
PHAES:
To adjust the focus of the display.
H SIZE:
To increase or decrease the horizontal size of image.

2.3.3 OSD control

Figure 8

H POSITION:
To adjust the OSD menu horizontally left or right.
V POSITION:
To adjust the OSD menu vertically up or down.

2.3.4 Color control

COLOR mode :
Cool mode:
Bluer and brighter.

Warm mode :
Redder and closer to paper white.

Native mode :
White color a natural tint.

***sRGB mode*:**
Sets your screen colors to adapt to the color standards used in the image technology industry.

User Mode:

RED:

Red color adjustment.

GREEN:

Green color adjustment.

BLUE:

Blue color adjustment.

MEW:

Include STANDARD, SCENERY, THEATER picture modes.

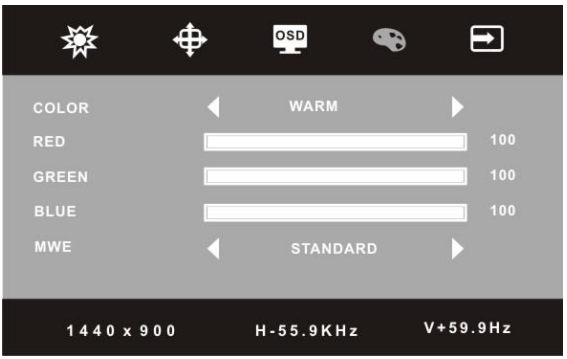

Figure 9

2.3.5 Enhance control

LANGUAGE:

Language selection.

AUTO:

Auto adjust display mode to its utmost performance according to VGA setting.

RESET:

Reset the currently highlighted control to the factory setting.

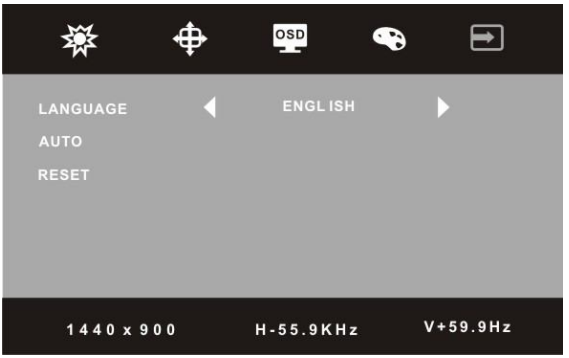

Figure 10

3. Troubleshooting

If you encounter problems with the monitor, please refer to the following tables.

3.1 Display problems

Problem & Question	Possible Solution
No picture, the LED indicator is light up	*The Signal Cable should be completely connected to the computer *If it is red, then the monitor and the computer are in dormancy mode. You need press your keyboard or move the mouse to reactivate the system. *If it is green, please adjust the brightness and contrast by OSD menu. *Check that the computer is switched on.*Check that the signal's pin are bent or broke.* If you use laptop PC, check that the external (RGB) output is selected.
Picture is gray	*Adjust the contrast and brightness controls.
Picture bounces or a wave pattern is present in the picture	*Move electrical devices that may cause electrical interference.
Picture is fuzzy	*19" Wide LCD monitor's true (physical) resolution is 1440 x 900. Under the resolution, it will get the best display.
Missing one of the primary colors (RED, GREEN, or BLUE)	*Inspect the monitor's video cable and make sure that none of the pins are bent or broke (the pin's number reference to figure 6)
Screen image is not centered or sized properly.	*Adjust pixel frequency (Clock) and Phase or press hot-key to auto adjustment
Picture has color defects (white does not look white)	*Adjust RGB color or select color temperature
Poor brightness or contrast	*When the brightness of the screen lowers after being used for a certain period and the function of the display is affected, send it to our authorized service center for repair.
Horizontal or vertical disturbances on the screen	*Use Win XP/Vista shutdown mode Adjust Clock and Phase or perform hot- key

3.2 Tablet problems

Problem & Question	Possible Solution
The pen is no function	*Check the battery whether worn out? If Yes, replace the pen battery *Check whether the pen tip is too short. If yes replace the pen tip. * Re-plug the USB cable. *Restart your computer or your application.
The cursor move incorrectly	* Re-plug the USB cable or your computer.
Cursor not accurate	Perform calibration
The side switch does not work.	*Be sure that when you press the side button, the pen tip is within 5mm of the display surface and your pen tip is not against the display surface. *Be sure that the side button is set to the proper function you are expecting to occur for the application.(Open the Tablet control panel to check it)
Others	Contact local technical support

4. Product Specifications

4.1 LCD Display Characteristics

Item		Specification
Product name		Tablet Monitor
LCD Display	Display type	TFT color LCD
	Backlight	LED
	Dimension	408.24mm(H)*255.15mm(V) (19 in.)
	Resolution	1440×900 (WXGA)
	Pixel pitch	0.285×0.285mm
	Standard colors	16,700,000 colors
	Viewing angles	right 85°, left 85°, up 80°, down 80°
Input/output	Input	D-sub 15-pin (analogue RGB)
	Output	D-sub 15-pin (analogue RGB)
Environmental conditions	Temperature	During use: 0 – +40°C; in storage: -20– +60°C
	Humidity	During use: 10 – 80% (no condensation); in storage: 5– 95% (no condensation)
Power Input		100-240V ac, 50/60Hz
Power Consumption		Power On<24W, standby<1W, Power Off<0.5W
Plug and Play		DDC/CI
External dimensions		566 (L)×140 (W)×490(H) mm
Net weight/Gross weight		4.0kg/5.4kg
Stand adjustment		Adjustable in the range of 10° to40°
Compatible operating systems		Windows XP/7/VISTA/MAC 10.4 above

4.2 Tablet Characteristics

Input system	Electromagnetic induction
Pen	Stylus pen
Tablet resolution	4000Lpi
Pen Pressure	2048 levels
Pen Power Consumption	950uA(Max)
Reading accuracy	± 0.5 mm(center)
Data Report Rate	133 points per second
Data Interface	USB interface (USB2.0)

Appendix B
Factory Preset Timing Table

NO	Resolution Dots x line	Horizontal Freq.(kHz)	Vertical Freq.(kHz)
1	720 × 400	31.47 kHz	70 Hz
2	640 × 480	31.47 kHz	60Hz
3	640 × 480	37.86 kHz	73Hz
4	640 × 480	37.50 kHz	75Hz
5	800 × 600	37.88 kHz	60Hz
6	800 × 600	48.08 kHz	72Hz
7	800 × 600	46.87 kHz	75Hz
8	1024 × 768	48.36 kHz	60Hz
9	1024 × 768	56.48 kHz	70Hz
10	1024 × 768	60.02 kHz	75Hz
11	1280 × 1024	63.98 kHz	60Hz
12	1280 × 1024	79.98 kHz	75Hz
13	1440 × 900	55.94 kHz	60Hz
14	1440 × 900	70.64 kHz	75Hz